

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042051.D
 Acq On : 14 Jan 2021 23:13
 Operator : SY/MD
 Sample : M1065-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP1

Quant Time: Jan 15 06:38:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	106689	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	39856	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34617	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.919	69	39139	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.575	63	56644	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.652	46	124799	46.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	5.080	84	72954	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.716	65	43660	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.742	84	138019	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	55350	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.906	98	136896	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.182	79	20203	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.642	63	110318	52.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.02%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40053	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	40794	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%
Target Compounds						
3) Chloromethane	1.523	50	1302	0.11	ug/L	89
9) Trichlorofluoromethane	2.144	101	4680	0.29	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	829	0.10	ug/L #	30
13) Acetone	2.655	43	1162	0.69	ug/L	54
15) Methyl Acetate	2.964	43	807	0.20	ug/L #	51
17) Methyl tert-butyl Ether	3.382	73	4492	0.21	ug/L	93
19) 1,1-Dichloroethane	3.887	63	774	0.05	ug/L #	49
22) cis-1,2-Dichloroethene	4.684	96	9004	1.02	ug/L	93
25) Chloroform	5.105	83	5366	0.32	ug/L	97
31) Carbon tetrachloride	5.539	117	1002	0.08	ug/L	94
34) Trichloroethene	6.552	95	138759	15.45	ug/L	98
35) Methylcyclohexane	6.700	83	12397	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5595	0.60	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1155	0.08	ug/L #	75
44) trans-1,3-Dichloropropene	8.189	75	724	0.06	ug/L	98
47) Tetrachloroethene	8.559	164	22364	3.84	ug/L	99
48) 2-Hexanone	8.642	43	13081	3.00	ug/L #	67
49) Dibromochloromethane	8.559	129	22790	3.17	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	4364	0.71	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042051.D
Acq On : 14 Jan 2021 23:13
Operator : SY/MD
Sample : M1065-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXP1

Quant Time: Jan 15 06:38:31 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

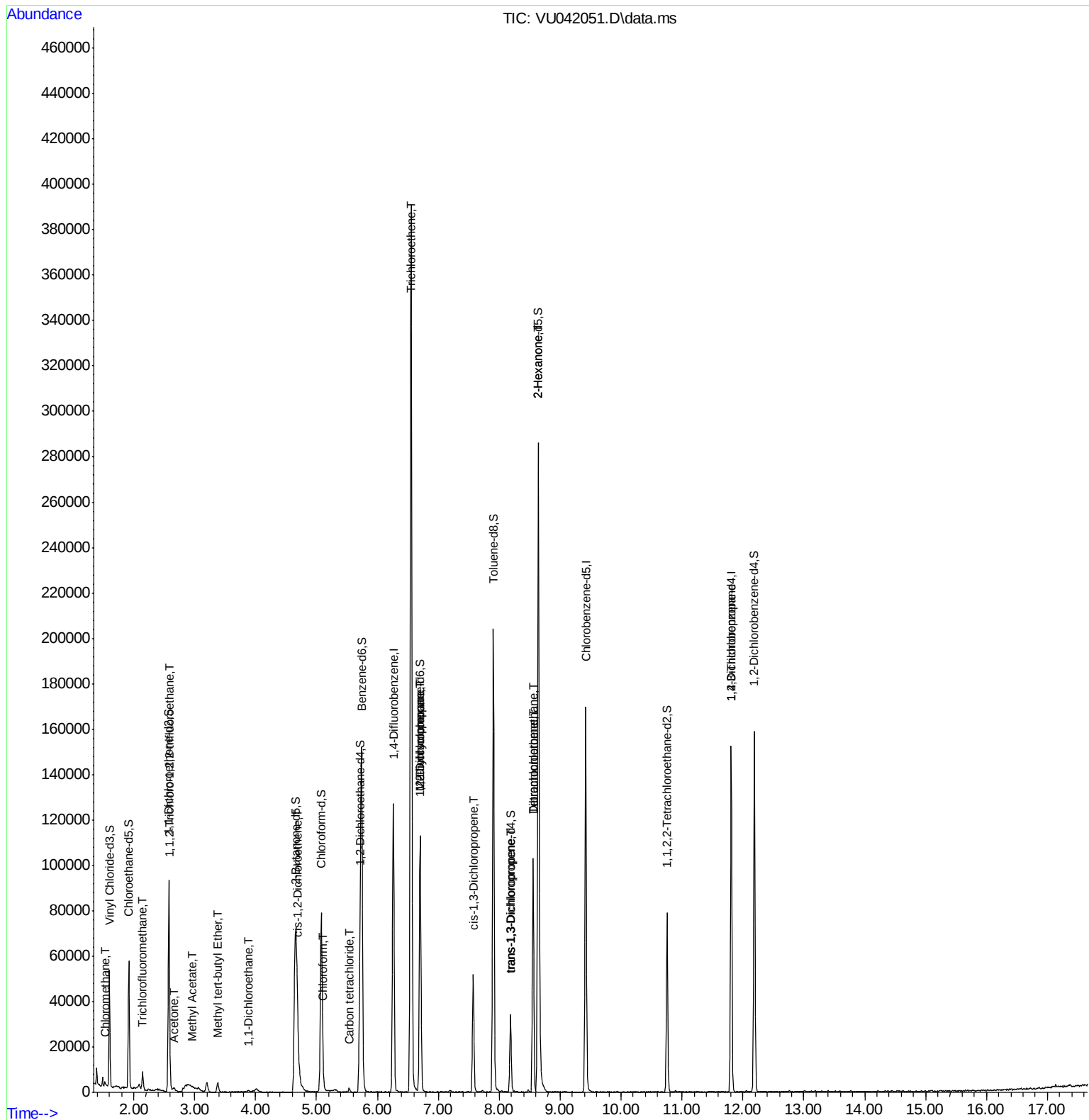
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

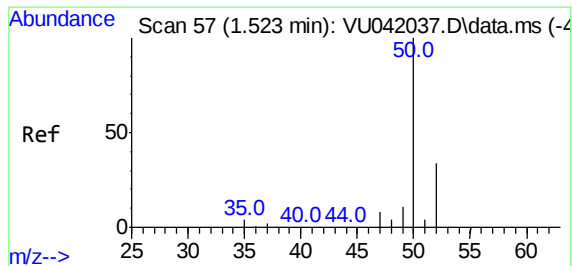
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
Data File : VU042051.D
Acq On : 14 Jan 2021 23:13
Operator : SY/MD
Sample : M1065-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXP1

Quant Time: Jan 15 06:38:31 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 06:32:40 2021
Response via : Initial Calibration

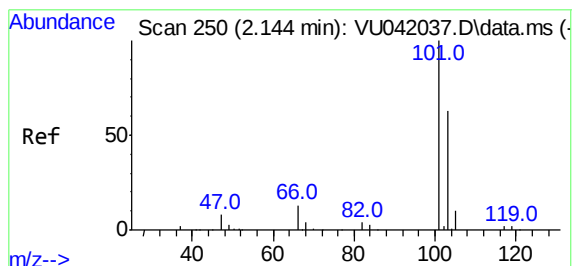
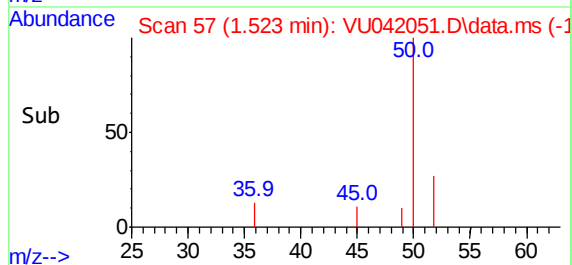
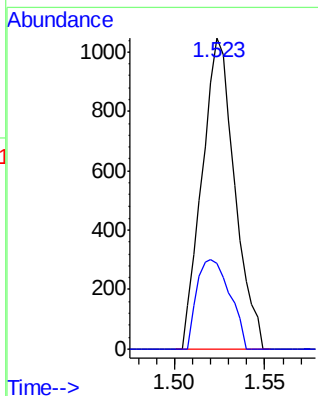
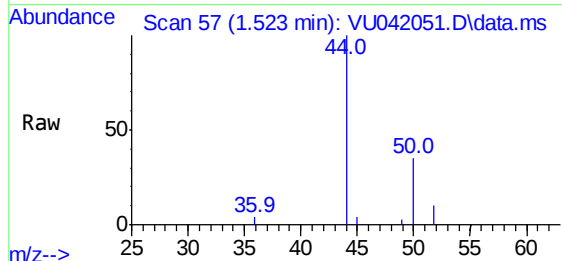




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

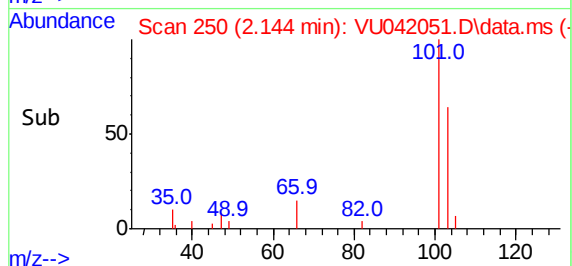
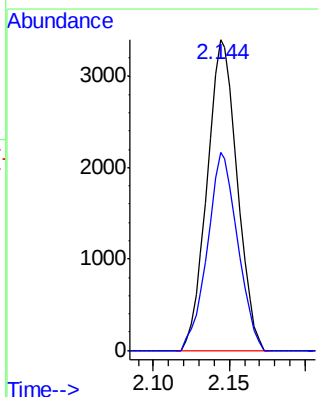
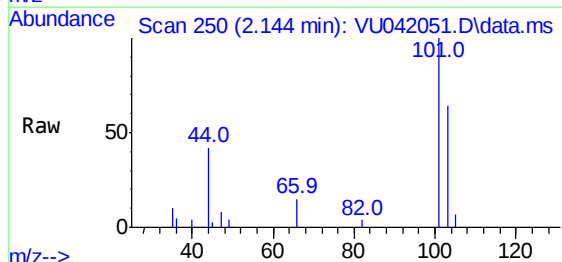
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

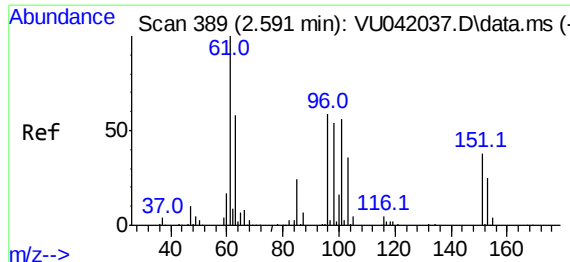
Tgt Ion: 50 Resp: 1302
Ion Ratio Lower Upper
50 100
52 27.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.29 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 101 Resp: 4680
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

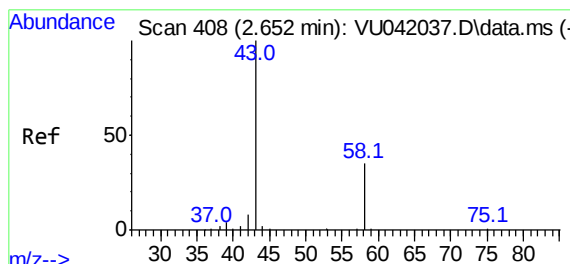
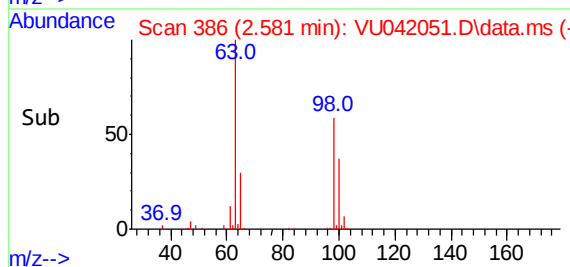
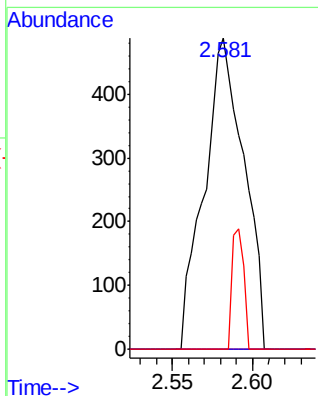
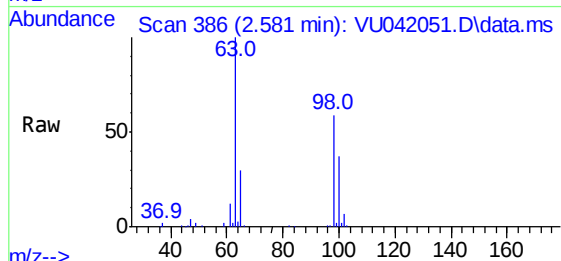




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.10 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

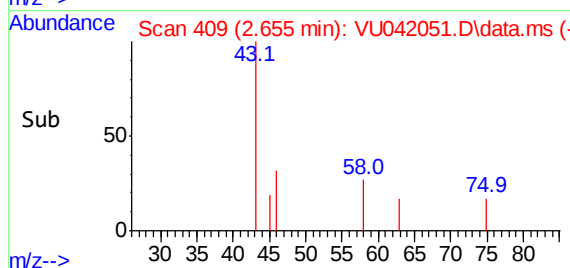
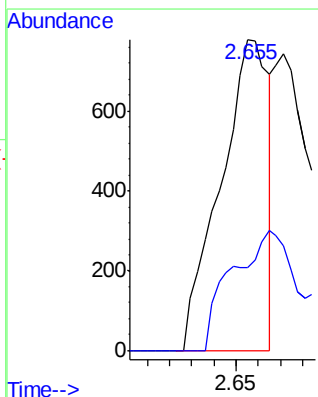
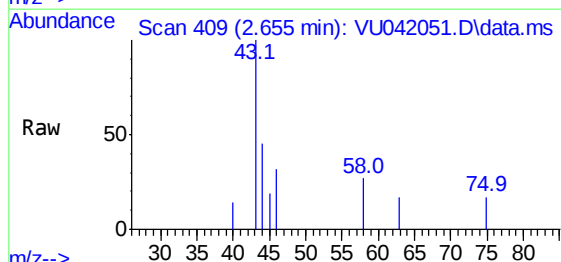
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

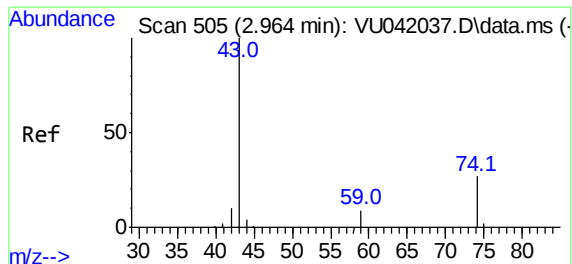
Tgt Ion:101 Resp: 829
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 11.6 55.4 83.2#



#13
Acetone
Concen: 0.69 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 53.2 0.0 57.4

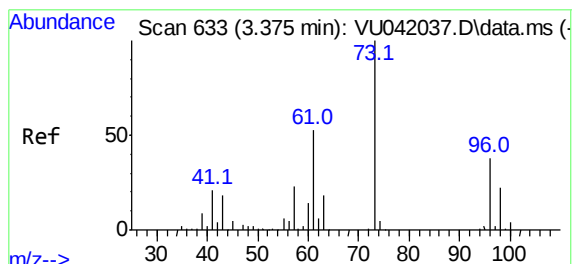
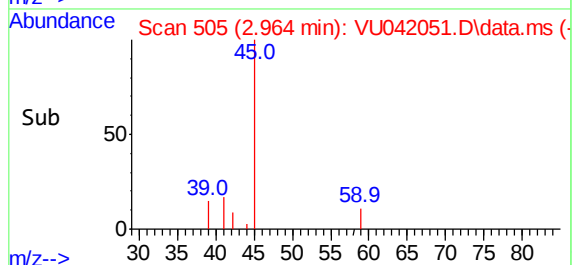
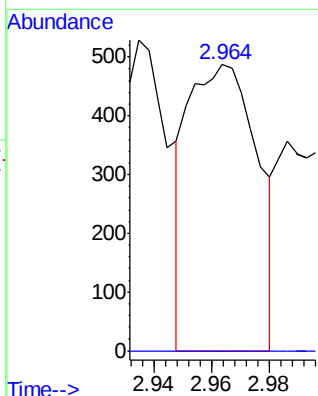
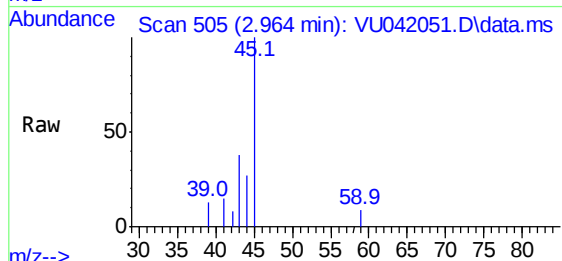




#15
Methyl Acetate
Concen: 0.20 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

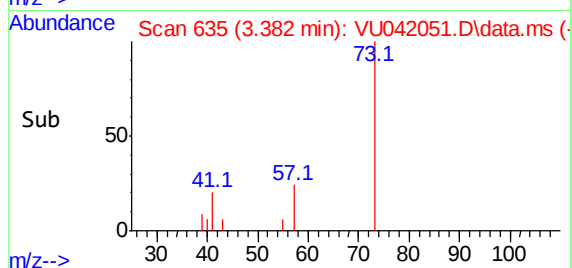
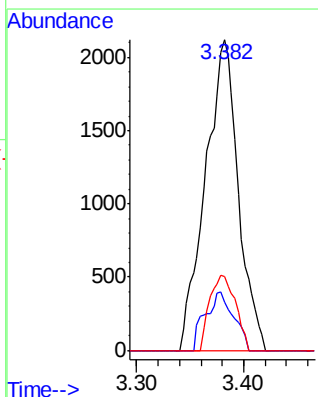
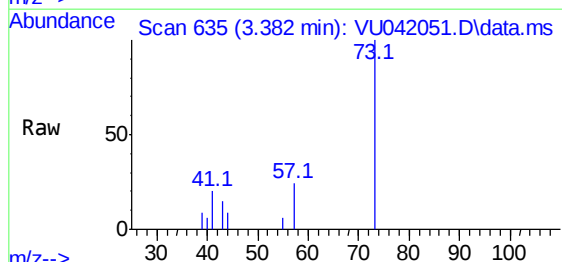
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

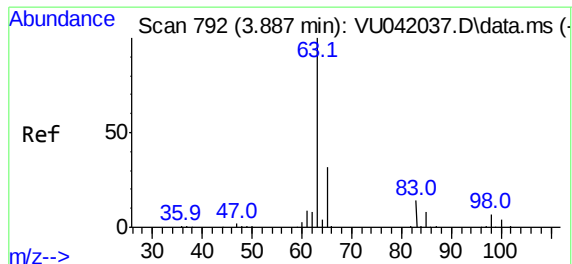
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.007 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 73 Resp: 4492
Ion Ratio Lower Upper
73 100
43 16.2 15.1 22.7
57 18.9 18.0 27.0

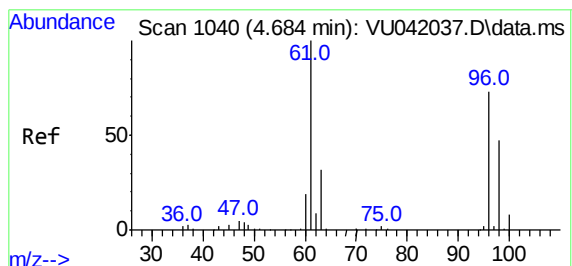
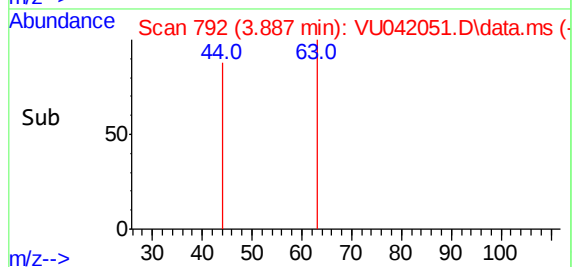
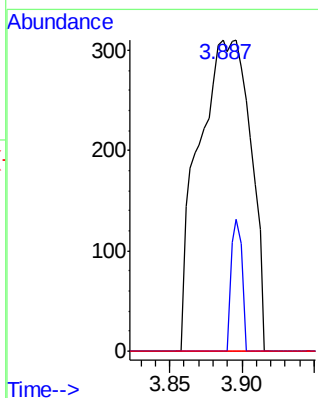
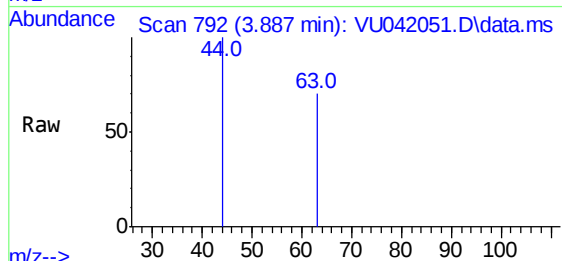




#19
1,1-Dichloroethane
Concen: 0.05 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

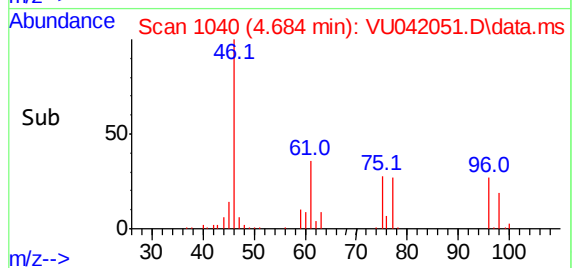
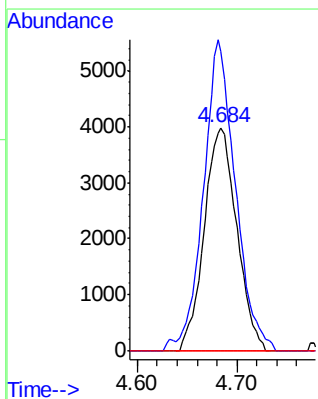
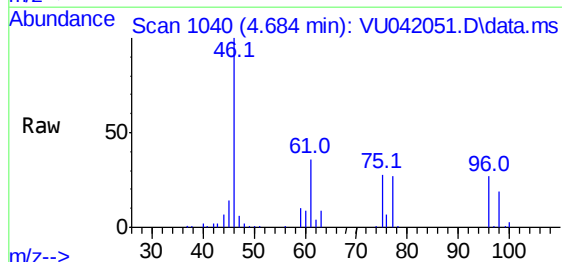
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

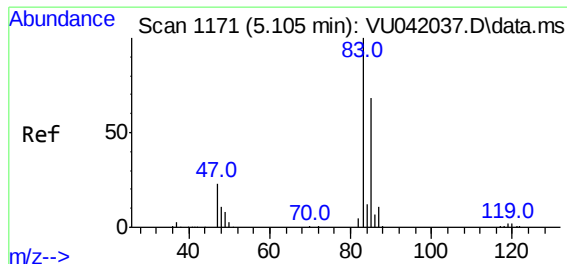
Tgt Ion: 63 Resp: 774
Ion Ratio Lower Upper
63 100
65 0.0 22.7 42.1#
83 0.0 9.4 17.6#



#22
cis-1,2-Dichloroethene
Concen: 1.02 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 96 Resp: 9004
Ion Ratio Lower Upper
96 100
61 134.5 100.3 186.3
68 0.0 0.0 0.0

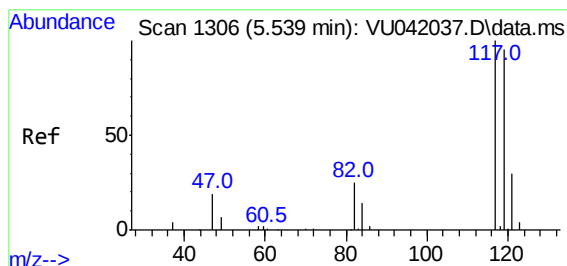
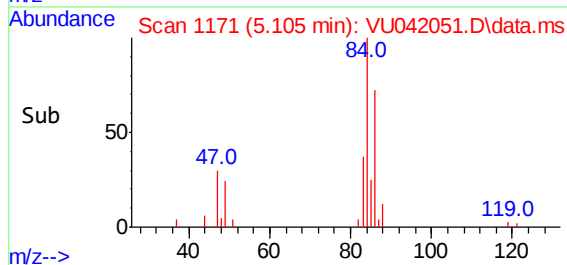
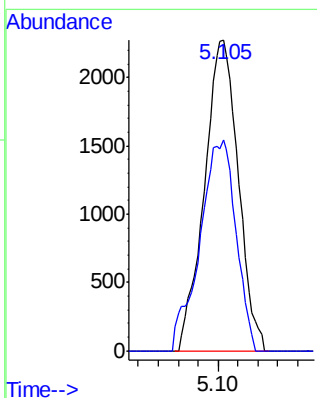
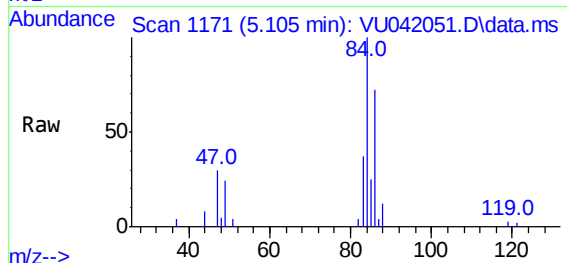




#25
Chloroform
Concen: 0.32 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

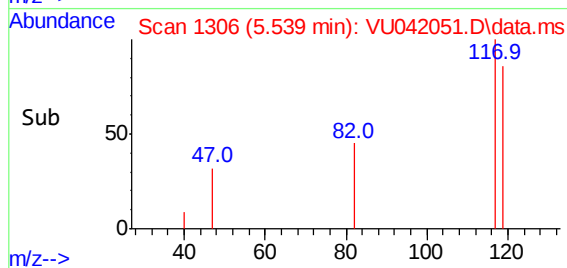
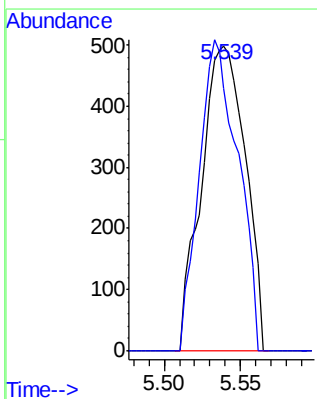
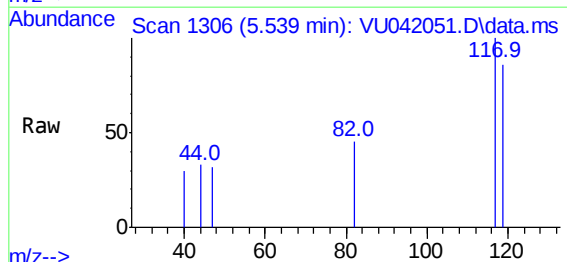
Instrument :
MSVOA_U
ClientSampled :
BFXP1

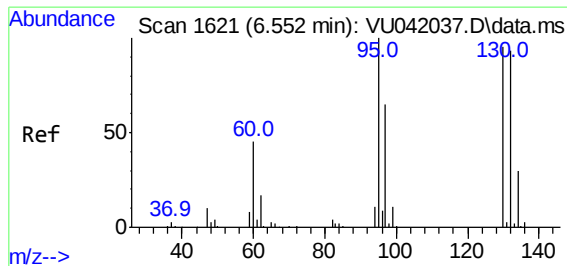
Tgt Ion: 83 Resp: 5366
Ion Ratio Lower Upper
83 100
85 67.9 46.1 85.7



#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 117 Resp: 1002
Ion Ratio Lower Upper
117 100
119 90.0 76.6 114.8



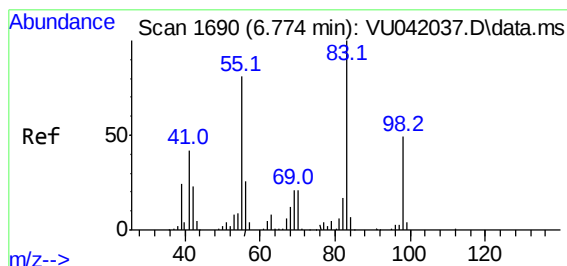
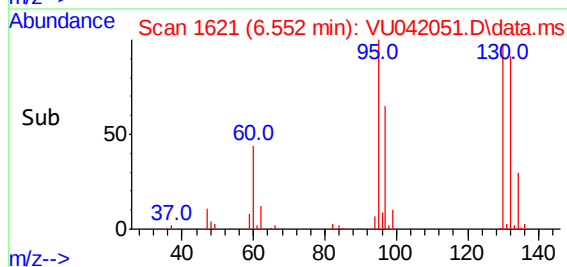
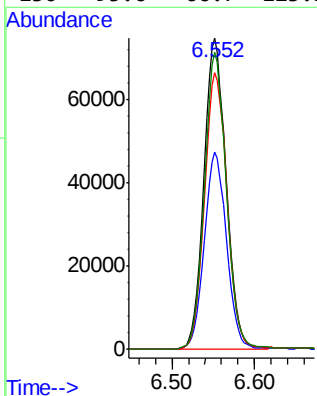
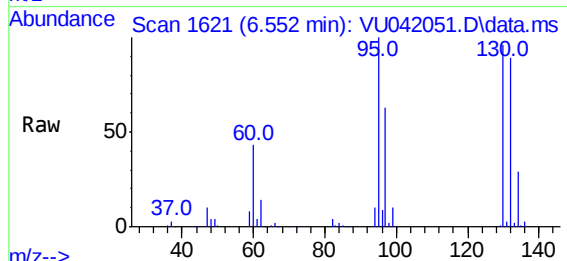


#34
Trichloroethene
Concen: 15.45 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Instrument :
MSVOA_U
ClientSampleId :
BFXP1

Tgt Ion: 95 Resp: 138759

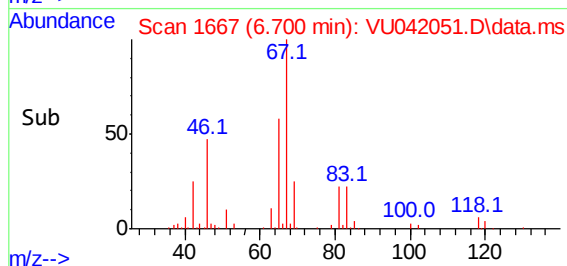
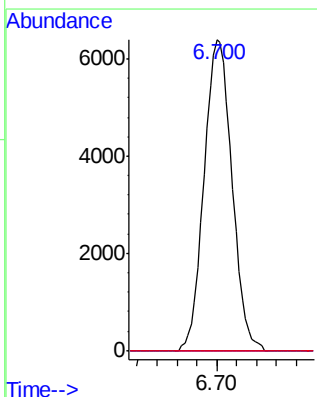
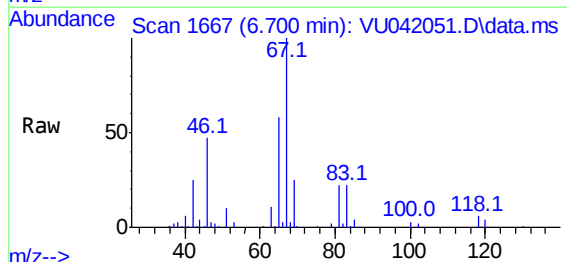
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.6	81.0
132	88.8	64.3	119.3
130	95.6	66.7	123.9

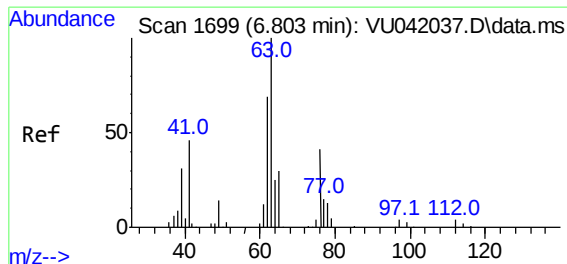


#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 83 Resp: 12397

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.0	35.7	53.5#

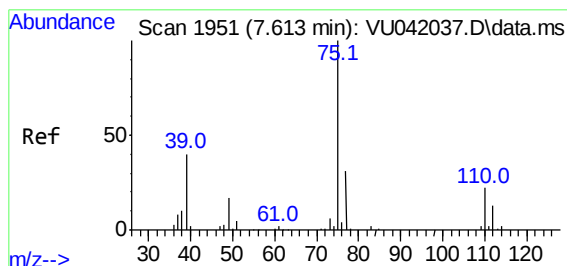
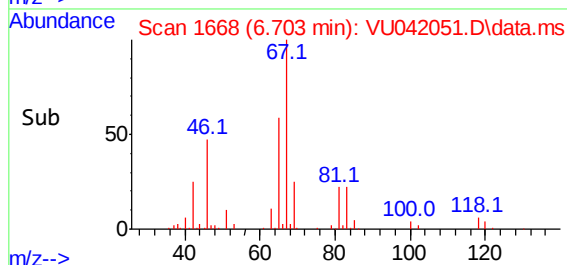
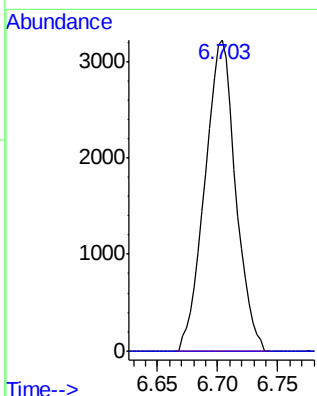
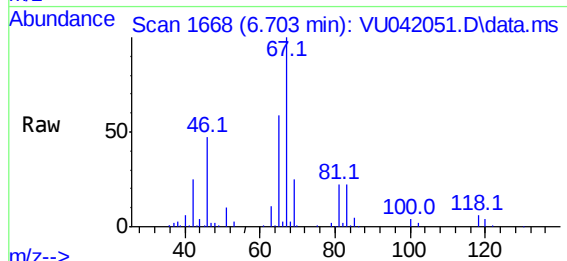




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

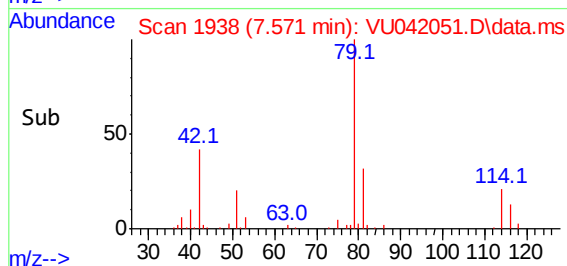
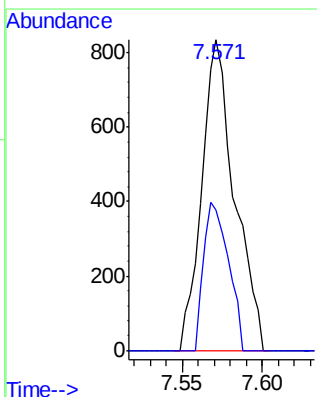
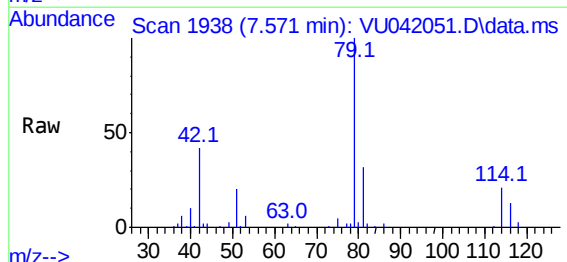
Instrument :
MSVOA_U
ClientSampleId :
BFXP1

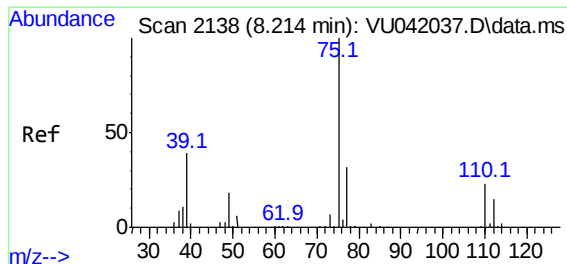
Tgt Ion: 63 Resp: 5595
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 75 Resp: 1155
Ion Ratio Lower Upper
75 100
77 45.1 21.9 40.7#



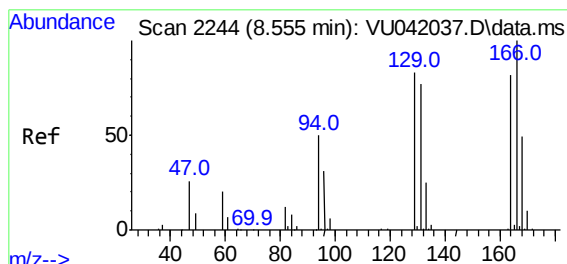
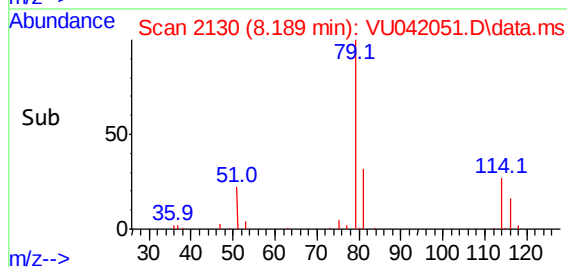
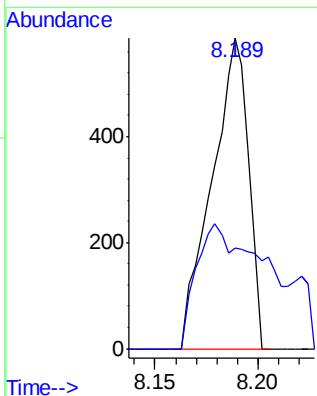
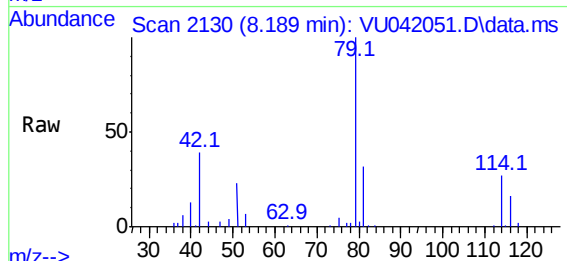


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Instrument :
MSVOA_U
ClientSampled :
BFXP1

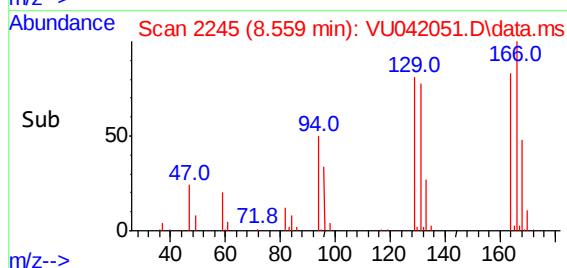
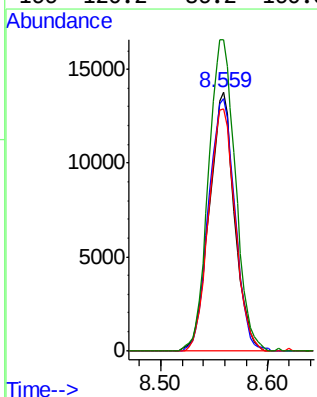
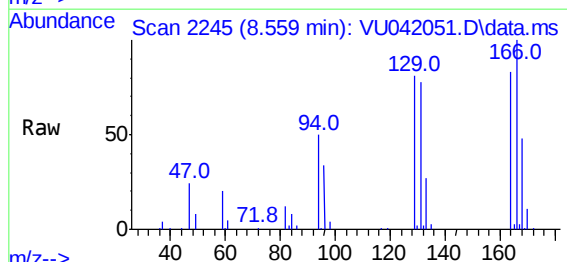
Tgt Ion: 75 Resp: 724
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0

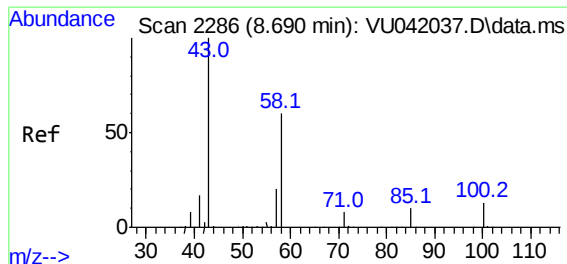


#47

Tetrachloroethene
Concen: 3.84 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion:164 Resp: 22364
Ion Ratio Lower Upper
164 100
129 97.3 68.7 127.5
131 93.5 65.2 121.0
166 120.2 86.2 160.0



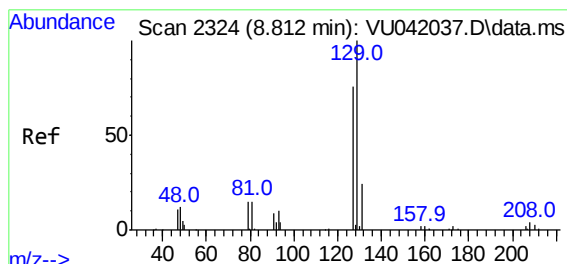
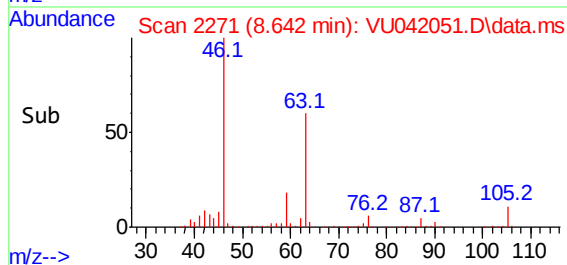
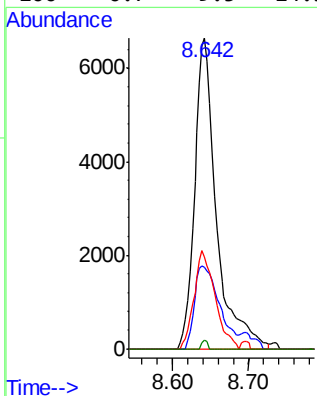
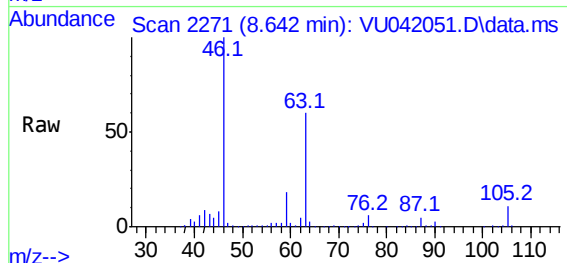


#48
2-Hexanone
Concen: 3.00 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Instrument :
MSVOA_U
ClientSampleId :
BFXP1

Tgt Ion: 43 Resp: 13081

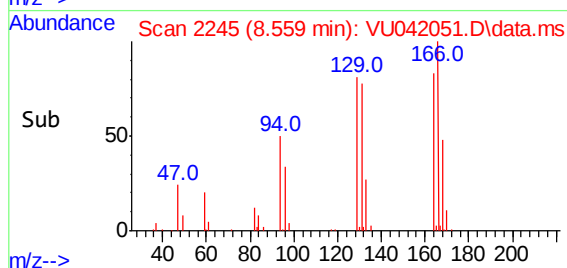
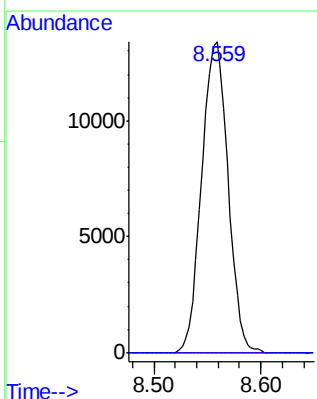
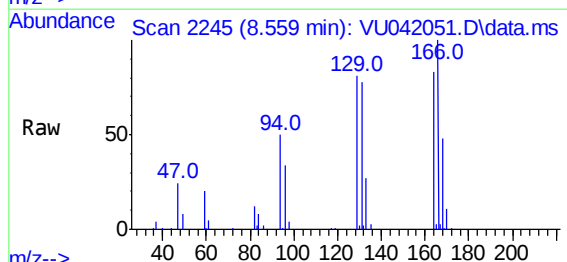
Ion	Ratio	Lower	Upper
43	100		
58	31.0	47.8	71.8#
57	30.7	17.4	26.0#
100	0.7	9.5	14.3#

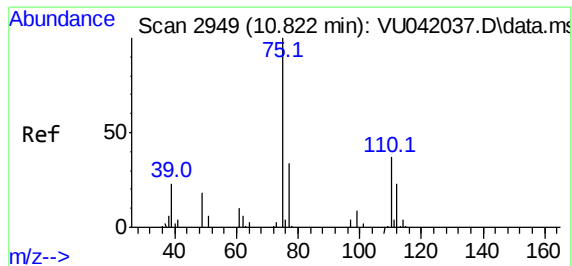


#49
Dibromochloromethane
Concen: 3.17 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042051.D
Acq: 14 Jan 2021 23:13

Tgt Ion: 129 Resp: 22790

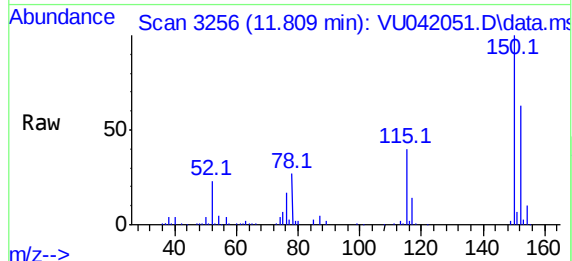
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.71 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042051.D
 Acq: 14 Jan 2021 23:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP1



Tgt Ion: 75 Resp: 4364
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.6 38.4

